TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER
14851-002US1 ING10631PCTUS

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)

10/540818

INTERNATIONAL APPLICATION NO. PCT/EP2003/014834	INTERNATIONAL FILING DATE 23 December 2003	PRIORITY DATE CLAIMED 23 December 2002

TITLE OF INVENTION
Methods and Agents for Diagnosis and Prevention, Amelioration or Treatment of Goblet Cell-Related Disorders

APPLICANT(S) FOR DO/EO/US
Johannes Grosse, Boris Schneider, Lutz Zeitlmann and Andreas Popp

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.

2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.

3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.

4. ☒ The US has been elected (Article 31).

5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
    a. ☒ is attached hereto (required only if not communicated by the International Bureau).
    b. ☐ has been communicated by the International Bureau.
    c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).

6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
    a. ☐ is attached hereto.
    b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).

7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
    a. ☐ are attached hereto (required only if not communicated by the International Bureau).
    b. ☐ have been communicated by the International Bureau.
    c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
    d. ☒ have not been made and will not be made.

8. ☐ An English language translation of amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).

10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.

12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.

13. ☒ A preliminary amendment.

14. ☐ An Application Data Sheet under 37 C.F.R. 1.76.

15. ☐ A substitute specification.

16. ☐ A power of attorney and/or change of address letter.

17. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.

18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).

19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

20. ☒ Other items or information:
International Search Report; International Preliminary Examination Report; Transmittal of Compact Disc (2 pages)

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 10/540818	INTERNATIONAL APPLICATION NO. PCT/EP2003/014834	ATTORNEY'S DOCKET NUMB 14851-002US1
The following fees have been submitted		CALCULATIONS PTO USE ONI

21. ☒ Basic national fee...$300		$300.00 JC17 Rec'd PCT/PTO 2 3 JUN 2
22. ☒ Examination fee		$200.00
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) $100		
All other situations $200		
23. ☒ Search fee		$400.00
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority $100		
International Search Report prepared and provided to the Office $400		
All other situations $500		
Total of 21, 22 and 23 =		$900.00

☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is $250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
-100 =	/50=		X $250	$0.00

Surcharge of **$130** for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(h)).				$0.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	164 - 20 =	144	x $50	$7,200.00
Independent Claims	13 - 3 =	10	x $200	$2,000.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ $360	$0.00
TOTAL OF ABOVE CALCULATIONS =				$10,100.00
☒ Applicant claims small entity status. See 37 C.F.R. 1.27. Fees above are reduced by 1/2.				$5,050.00
SUBTOTAL =				$5,050.00

Processing fee of **$130** for furnishing the English Translation later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(i)) +		$0.00
TOTAL NATIONAL FEE =		$5,050.00
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). **$40.00** per property +		$0.00
TOTAL FEES ENCLOSED =		$5,050.00

	Amount to be refunded:	$0.00
	Amount to be charged:	$0.00

a. ☒ A check in the amount of $5,050.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 06-1050 in the amount of $0.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1050. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

PTO Customer No: 26161

SIGNATURE

Todd E. Garcia, Ph.D.

NAME

54,112

REGISTRATION NUMBER